



Couplings – Flexible "K" Type

www.vibrationmounts.com Phone: 516.328.3662 Fax: 516.328.3365

- **MATERIAL:** Hubs – Steel, Zinc Plated
Body – Polyurethane

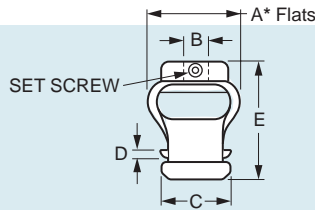


Fig. 1 STANDARD HUB

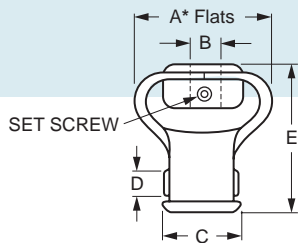


Fig. 2 INVERTED HUB



Fig. 1



Fig. 2

OUTSTANDING HUB FEATURES

- Annealed steel for maximum strength
- Zinc plating to resist corrosion
- Inverted hub to decrease overall length
- Rounded corners to prevent cutting
- Precision swaged mechanical crimp
- Agma Class 2 bore tolerance

FEATURES

- Absorbs angular and lateral misalignment
- Adjusts to axial end play
- Zero backlash
- Reduces bearing loads
- Runs quietly
- Speeds up to 3600 rpm
- Tough polyurethane material is strong, flexible, cut- and tear-resistant
- Unique configuration gives maximum flexibility
- Generous radius for added strength
- Ozone-proof
- Full wraparound design stays securely in hub

Operating Temperature: 0°F to +180°F
-18°C to +83°C

NOTE: Dimensions in () are mm.

| Catalog Number | Fig. No. | Dimensions | | | | | | Set Screw | Max. Torque Capacity lb.in. (N•m) | Max. Angular Offset | Max. Lateral Offset | | | | | | | |
|----------------|----------|-------------------|-----------------|---|-----------------|----------------|------------------|-----------|-----------------------------------|---------------------|---------------------|-----------------|--------------|-------------------|--------|-------------|-----|--------------|
| | | A* | | B Bore +0.002 -0.000 (+0.051 0) | C | D | E | | | | | | | | | | | |
| | | Flats | Points | | | | | | | | | | | | | | | |
| V 5Z 7-10606 | 1 | 55/64 (21.8) | 1 (25.4) | 3/16 (4.76) | 11/16 (17.5) | 1/16 (1.6) | 1-1/8 (28.6) | #6-32 | 3 (0.3) | 10° | 3/32 (2.4) | | | | | | | |
| V 5Z 7-10808 | | | | 1/4 (6.35) | | | | | | | | | | | | | | |
| V 5Z 7-11010 | | | | 5/16 (7.94) | | | | | | | | | | | | | | |
| V 5Z 7-11212 | | | | 3/8 (9.53) | | | | | | | | | | | | | | |
| V 5Z 7-20808 | 2 | 1-41/64 (41.7) | 1-7/8 (47.6) | 1/4 (6.35) | 1 (25.4) | 3/8 (9.5) | 2 (50.8) | #10-24 | 12 (1.4) | 15° | 1/8 (3.2) | | | | | | | |
| V 5Z 7-21010 | | | | 5/16 (7.94) | | | | | | | | | | | | | | |
| V 5Z 7-21212 | | | | 3/8 (9.53) | | | | | | | | | | | | | | |
| V 5Z 7-21414 | | | | 7/16 (11.11) | | | | | | | | | | | | | | |
| V 5Z 7-21616 | | | | 1/2 (12.7) | | | | | | | | | | | | | | |
| V 5Z 7-31212 | | | | 3/8 (9.53) | | | | | | | | | | | | | | |
| V 5Z 7-31414 | | 1-27/32 (46.8) | 2-1/8 (54) | 7/16 (11.11) | 1-1/8 (28.6) | 7/16 (11.1) | 2-7/32 (56.4) | 1/4-20 | 28 (3.2) | 15° | 3/16 (4.8) | | | | | | | |
| V 5Z 7-31616 | | | | 1/2 (12.7) | | | | | | | | | | | | | | |
| V 5Z 7-41616 | | | | 1-7/8 (47.6) | | | | | | | | 1-1/8 (28.6) | 3/8 (9.5) | 2-13/32 (61.1) | 1/4-20 | 40 (4.5) | 15° | 1/8 (3.2) |



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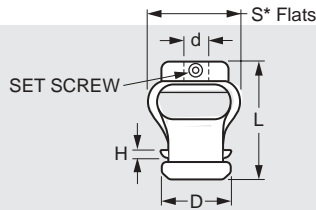


Fig. 1 STANDARD HUB



Fig. 1

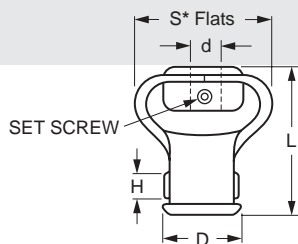


Fig. 2 INVERTED HUB



Fig. 2

Metric

OUTSTANDING HUB FEATURES

- Annealed steel for maximum strength
- Zinc plating to resist corrosion
- Inside hub to decrease overall length
- Rounded corners to prevent cutting
- Precision swaged mechanical crimp
- Accommodates standard size set screws

UNIQUE, DURABLE ELEMENT

- Speeds up to 3600 rpm
- Tough polyurethane material is strong, flexible, cut- and tear- resistant
- Unique configuration gives maximum flexibility
- Generous radius for added strength
- Ozone-proof
- Full wraparound design stays securely in hub

NOTE: Dimensions in () are inch.

TEMPERATURE RANGE: -20°C to +60°C
-4°F to +140°F

| Catalog Number | Fig. No. | Dimensions | | | | | | Set Screw | Max. Torque Capacity N•m (lb.in.) | Max. Angular Offset | Max. Lateral Offset |
|----------------|----------|--------------|--------------|-------------------------------|----------------|--------------|--------------|-----------|---|---------------------|---------------------|
| | | S* | | d Bore +0.05 (+.002) | D | H | L | | | | |
| | | Flats | Points | | | | | | | | |
| V 5Z 7M10606 | 1 | 24 (.94) | 28 (1.10) | 6 (.24) | 17.5 (.69) | 0.8 (.03) | 30 (1.18) | M3 | 0.4 (3.54) | 10° | 2.4 (.09) |
| V 5Z 7M10808 | | | | 8 (.31) | | | | | | | |
| V 5Z 7M11010 | | | | 10 (.39) | | | | | | | |
| V 5Z 7M21010 | 2 | 43 (1.69) | 47 (1.85) | 10 (.39) | 25.4 (1.00) | 8.5 (.33) | 48 (1.89) | M5 | 1.4 (12.39) | 15° | 3.2 (.13) |
| V 5Z 7M21414 | | | | 14 (.55) | | | | | | | |
| V 5Z 7M41414 | | | | 14 (.55) | | | | | | | |
| V 5Z 7M41616 | | | | 16 (.63) | | | | | | | |

SECTION 9